

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR 03/03881A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16K11/085 F16K5/18 B60H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16K B60H F01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	FR 2 827 360 A (VALEO THERMIQUE MOTEUR) 17 January 2003 (2003-01-17) page 14, line 19 - page 16, line 24 figures 1-8, 31-33, 35-42	1, 2, 9-12
Y	US 6 164 248 A (LEHMANN KAI) 26 December 2000 (2000-12-26) column 2, line 51 - column 3, line 12 column 4, line 18 - line 45 figures	1-12
Y	WO 01/14773 A (FOLEA NICOLAE ; KLIPFEL BERNHARD HERMANN (DE); COOPER TIRE & RUBBER CO) 1 March 2001 (2001-03-01) page 8, line 1 - page 10, line 2 figures	1-3, 8-12

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

25 June 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 1 507 255 A (MILLET J) 12 April 1978 (1978-04-12) page 1, line 53 - page 2, line 30 figures	4-7
A	US 4 948 095 A (CAMPAU DANIEL N) 14 August 1990 (1990-08-14) column 2, line 46 - column 4, line 18 figures	1,2,9-11
A	US 4 132 388 A (BILLETER HENRY R) 2 January 1979 (1979-01-02) column 1, line 63 - column 2, line 65 figures	1,2,8,9
A	GB 934 531 A (BERNARD HENRY REFSOM) 21 August 1963 (1963-08-21) page 1, line 55 - page 2, line 18 figures	1-5
A	US 3 301 522 A (ASHBROOK CLIFFORD L ET AL) 31 January 1967 (1967-01-31) column 2, line 13 - column 3, line 11 figures	1,2,4-6
A	US 2 045 113 A (WARD LEO A) 23 June 1936 (1936-06-23) column 3, line 24 - column 4, line 20 figures 1-3	1,2